

**EPA Dewey Burdock Tribal Consultation Activities  
June 2015**

- The Tribal Historic Preservation Officers (THPOs) attending the Nuclear Regulatory Commission's section 106 Tribal Consultation Meeting held in Rapid City, South Dakota, in February, 2012, requested that the EPA provide information on
  - 1) Dewey Burdock site hydrology and geology and groundwater impacts from the proposed project,
  - 2) Seismology of the area and impacts from injection,
  - 3) Cheyenne River water quality (particularly uranium analyses), and
  - 4) Sources of radiation and health effects at ISR sites.
  
- Letters of Invitation to consult with the EPA under NHPA 106 mailed to Tribal leaders in May, 2013; courtesy copies emailed to Environmental Directors and Tribal Historic Preservation/Cultural Resources Representatives.
  
- "Inform & Educate" Presentations given to date:
  - 1) Cheyenne River Water Quality
  - 2) Radiation sources and exposure risks at ISR sites
  - 3) UIC Program Overview and Permit Application Review, including site hydrology and geology.
  
- The seismology web conference was not held because the NRC was beginning to schedule a series of calls to generate the Programmatic Agreement in conjunction with Tribes and cooperating agencies. We didn't want to interrupt those activities or be in a position of being asked how EPA planned to fulfill its NHPA 106 consultation responsibilities.
  
- Feedback from Tribes during web conferences:
  - They stated that they need information about cumulative effects before they can make any evaluations.
  - The scope of cumulative effects requested includes all energy related activities, including hydrofracturing.
  - Specific areas of interest mentioned:
    - 1) Uranium impacts clean-up at the Wind River Reservation;
    - 2) Cumulative effects of abandoned mines at Dewey Burdock and proposed activities; and
    - 3) Success of groundwater restoration at other ISR sites.

- Potential topics for future “inform and educate” web conferences
  - Ask Greg Phillips about presenting info on the Wind River Clean-up. Maybe include Dean Goggles, Environmental Director, for his perspective of events.
  - Superfund staff has already agreed to present information on the evaluation of abandoned mine sites.
  - Ask Susan Hall of USGS to present information on success of groundwater restoration at other ISR sites.
  - Ask Tribal representatives to provide overview of surveys done at Dewey Burdock.

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Tribal Surveys of Historic/Cultural Properties at Dewey Burdock completed May 2013

- 7 tribes participated:
  - 1) Northern Cheyenne
  - 2) Northern Arapaho
  - 3) Cheyenne & Arapaho Tribes of OK
  - 4) Turtle Mountain
  - 5) Crow Nation
  - 6) Crow Creek Sioux
  - 7) Santee Sioux of Nebraska
- The NRC received 3 detailed written reports with NRHP eligibility recommendations from three tribes:
  - 1) Northern Arapaho Tribe,
  - 2) Northern Cheyenne Tribe,
  - 3) Cheyenne and Arapaho Tribes of Oklahoma
- The NRC staff also received field notes from the Crow Tribe